PDNO: 200207091-1 1 of 7

Inventor: Eaton

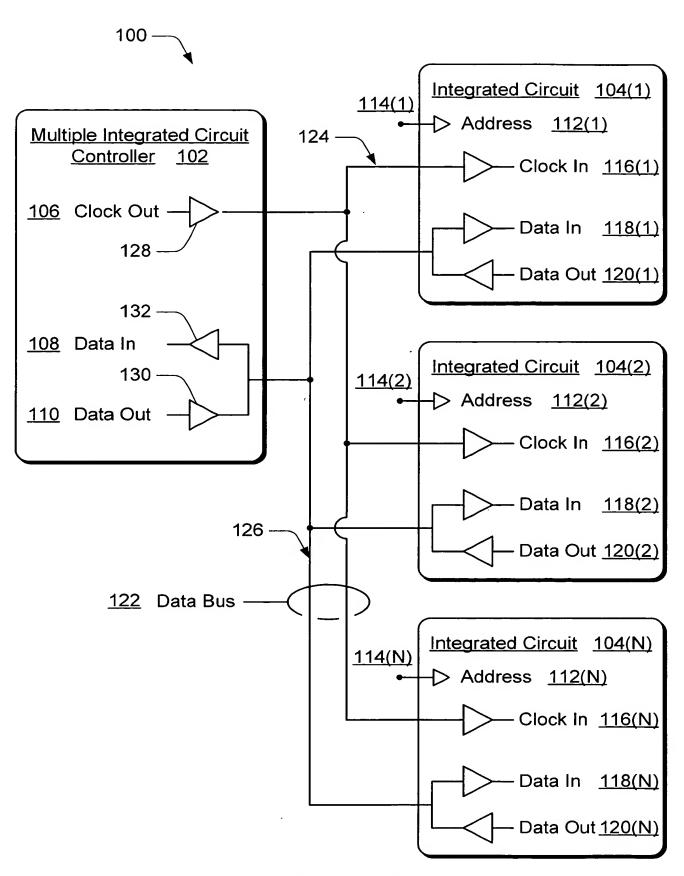


Fig. 1

PDNO: 200207091-1 2 of 7

Inventor: Eaton

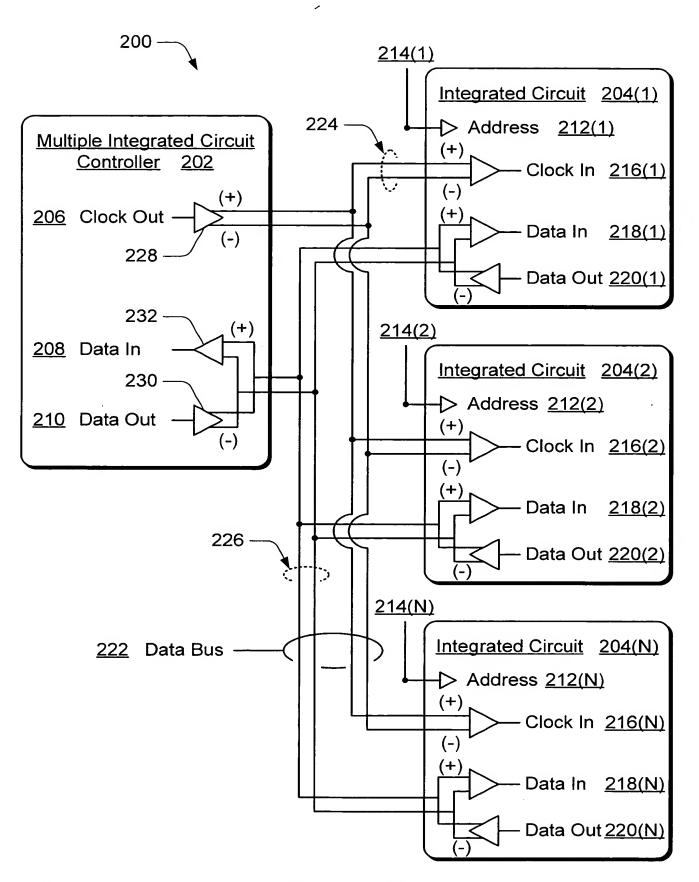
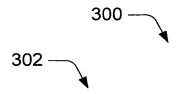


Fig. 2

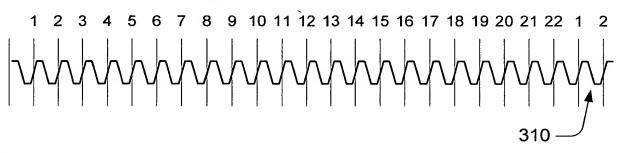
PDNO: 200207091-1 3 of 7

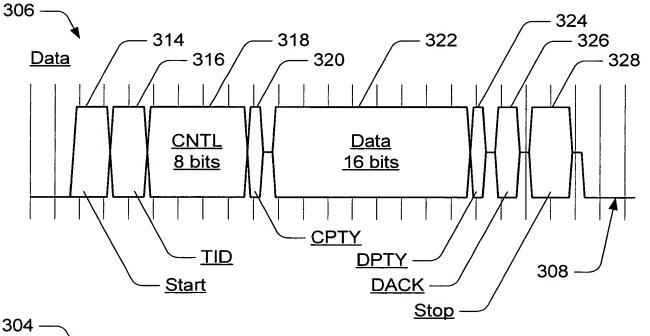
Inventor: Eaton

Title: Multiple Integrated Circuit Control

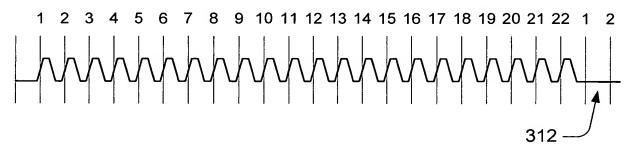


Continuous Clock Timing





Pulsed Clock Timing



PDNO: 200207091-1 4 of 7

Inventor: Eaton

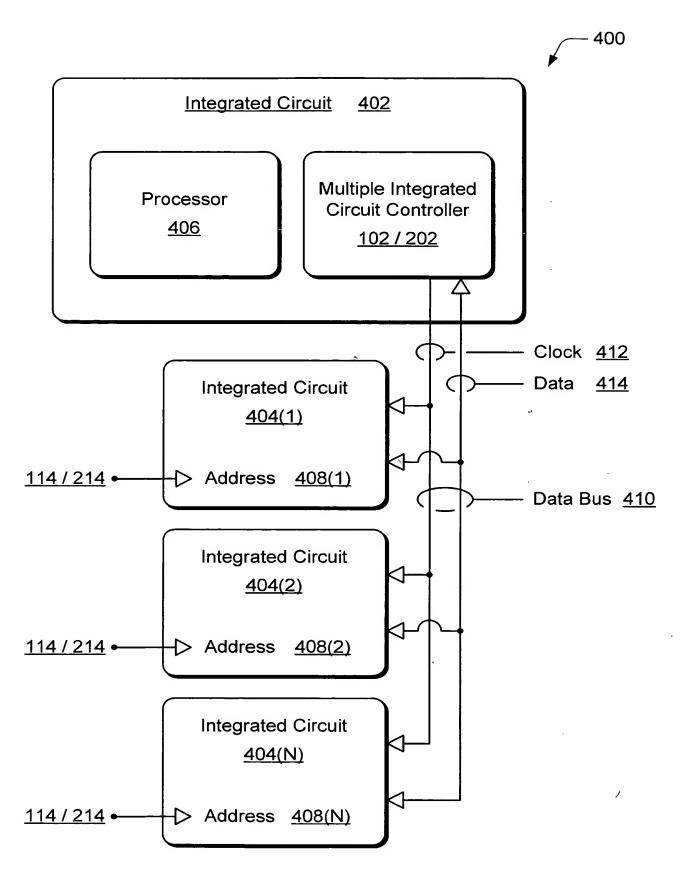
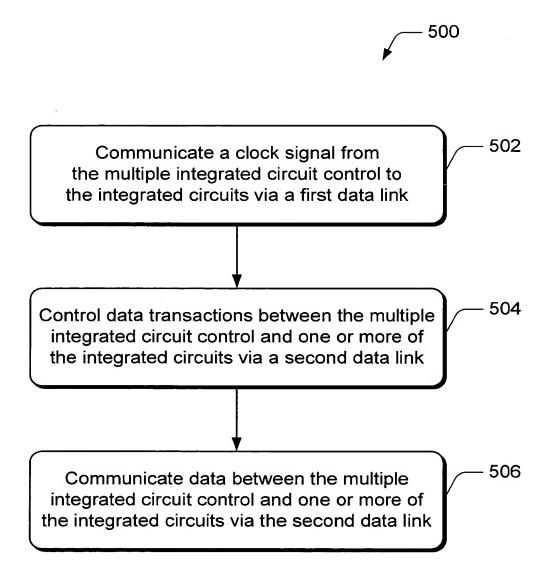


Fig. 4

PDNO: 200207091-1 5 of 7

Inventor: Eaton



Title: Multiple Integrated Circuit Control 602 Communicate a data transaction 600 start indication to integrated circuits 604 Communicate a unique target identifier to initiate the data transaction with an integrated circuit that is identified by the unique target identifier 606 Communicate control data to define the data transaction with the identified integrated circuit 608 Communicate a control parity bit for the unique target identifier and for control data error checking at the identified integrated circuit 610 Communicate the data between the multiple integrated circuit control and the identified integrated circuit 612 Communicate a data parity bit for data error checking at the data receiving device 614 Communicate a data acknowledgement from the data receiving device to the data sending device to indicate receipt of the data and the data parity bit 616 Communicate a data transaction stop indication from the data sending device to the data receiving device to indicate receipt of the data acknowledgement

PDNO:

Inventor:

200207091-1

Eaton

6 of 7

Fig. 6

PDNO: 200207091-1 7 of 7

Inventor: Eaton

Title: Multiple Integrated Circuit Control

Printing Device 700

Print Engine 702

Processor(s) 706

Electrical Hardware 704

Multiple Integrated Circuit Controller 102 / 202 Memory 708

Application Program(s) 710